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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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THE SOURCE EVALUATIONS IN THIS REPORT ARE DEFINITIVE.
THE APPRAISAL OF CONTENT IS TENTATIVE.
(FOR KEY SEE REVERSE)

Attached is a report containing information on the following:

1. Hydroelectric power plant at Drvenik;
2. Artificial lake at Lokve;
3. Artificial lake at Vrelo; and
4. Munitions plant under construction at Senj.

Enclosures: 4 pages as listed above.

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A. Economic Information

June 1952. Hydro-electric plant of Susak, Drivenik, about 5 kilometers from Krikvenica (Susak VK-AN). It is about 1,500 meters distant from the sea in a straight line. It is built completely underground and in order to reach the plant, it is necessary to go through a tunnel leading into the mountain for about 150-200 meters. Susak Drivenik AV AP

June 1952 - The artificial lake of Susak Lokve , in connection with plant, is about 700 above sea level, and has the following dimensions: Susak, Lokve VO- AX

Length: 7,000 meters

Breadth: 600 meters

Depth: about 50 meters

The capacity of the lake is not known, and it is stated that work will continue for about two more years. This lake will be fed by springs as well as by water from the nearby valleys which will be brought in by specially-constructed tunnels. This will be the main reservoir for the power plant and will provide water for the downstream basin of Vrelo.

June 1952- Artificial lake of Susak Vrelo is formed by a dam 40 meters high, 150 meters long, and 12 meters wide, with a road on top which can be used by cars. Susak Vrelo VM-AV

Length: 1,000 meters/approximately

Width: 300 meters

Depth: about 40 meters

Capacity : not known.

This lake, which was completed in 1950, is already being used for operating the plant, and is fed by natural springs.

Penstocks

In order to bring the water to the turbines of the power plant, the following penstocks have been constructed:

1. Penstocks from Lovke Lake (Susak VO- AX) to Vrelo Lake (Susak VM-AV)

Length: about 4,000 meters

Diameter: 2.50 meters

This penstock, constructed of reinforced concrete, can withstand a pressure of 6 atmospheres and is housed in a specially-built tunnel in the mountain. At the end of the tunnel and before reaching Vrelo Lake, the penstock has a drop of 20 meters which later on will be used to operate a small generator.

2. Penstocks from Vrelo Lake to Razomir (Susak VK-AR)

Length: about 5,000 meters

Diameter: 2.50 meters

This penstock is also constructed of reinforced concrete and passes just below the town of Fuzine (Susak VM-AV)and at the 3,000-foot mark reaches Lic (Susak VM-AT) ; then,after running in a straight line for 4,000 ~~feet~~ meters, it reaches Razomir.

Razomir - Drivenik (Susak VH-AP) steel penstock.

A steel penstock, whose length is not known, starts from the mountainous region of Razomir and after a drop of 600 meters, it reaches Drivenik where the hydroelectric power plant is located. The diameter of the penstock is 1.50 meters . This steel penstock is located inside a cement tunnel with a diameter of about 2.50 meters which makes it possible to check on the penstock continuously by means of a small metallic ladder which extends for the entire length of the tunnel.

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The steel pipes used for the penstock are about 10 or 12 meters ~~long~~ and weigh 12 tons each.

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Generators and Other Installations

The power station comprises 3 complete generators, each of which weighs about 80 tons. It is planned to have 2 of these generators working all the time, with the third being held in reserve. Each generator will develop from 35,000 to 40,000 Kilowatts.

On 30 June 1952 only one generator was operating, while the second, which was in the process of being installed, will be ready in November. It is reported that the third generator has not arrived as yet.

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At the end of June 1952, the first generator was tested but not at full power in order not to damage the transormers which still lacked some of the necessary pieces. The test was successful, but the power plant did not begin to function in view of the fact that the transmission lines to the consuming centers had not been completed.

Once this power plant is completed, it will supply electric power to Istria and to Croatia, and will also link with the Karlovac power plant.

Manpower Used in the Construction of this Power Plant

The labor for the construction of this hydorelectric plant was supplied by 4,000 prisoners (most of them political prisoners sentenced to hard labor) who came from the following penitentiaries:

LEPOGLOVA (PTUJ RM DV)

STARA GRADISCA (PAKRAC XR AL)

MITROVIZA (SABAC OI GZ)

There was only one 8-hour shift every day and every worker knew beforehand how much work he was supposed to do. In the event that a worker went over his quota, he would receive 500 or 600 dinars at the end of the month.

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[redacted]

Materials Used in the Construction of the Plant

The cement came from Spalato (there was a continuous shortage of it).

Steel came from the mills in Zeniza, Lezenice, and Sisak.

Miscellaneous

June 1952 - In Senj, Otocac , a munitions factory is under construction. [redacted]

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